

## Re: FreeBSD 5.3 I/O Performance / Linux 2.6.10

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2005-01/3086.html>

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**From:** Nick Pavlica ([linicks\\_at\\_gmail.com](mailto:linicks_at_gmail.com))

**Date:** 01/22/05

Date: Sat, 22 Jan 2005 14:51:31 -0700

To: [freebsd-questions@freebsd.org](mailto:freebsd-questions@freebsd.org)

All,

This post is not about BSD VS. Linux and should not be taken that way. I think that "Flame Wars/Engineer Wars" are waste of time and energy. I was surprised by my test results and didn't want to take FBSD out of the loop just yet. There may be flaws in my testing that have led me to inaccurate results. I didn't share the testing details in the original mail because of time constraints, and the notes are fairly lengthy. I will add my notes to this mail so that there is a better understanding of what tests I performed, and their results. It's important to note that I did not tweak any of the default settings of the OS or DB. The notes should be generally self explanatory, but will be more that happy to clarify any questions that you have. As a side note, I chose the email address linicks because by name is Nick, and thought it was a fun play on words. I appreciate all of your feedback, so that I can better understand the differences in these great operating systems and communities.

Thanks Again!

—Nick Pavlica

"OK, The testing notes already" :)

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Hardware Configs:

Dell PE 2400

- Dual PIII 500Mhz
- 512Mb Ram
- Perc 2si controller
- (2) 10k ultra160 drives in a raid 1 configuration.

Dell SC400

- P4 2.4 Ghz (not hyperthreaded)
  - 512Mb Ram
  - Stock 40Gb IDE 7200RPM
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Postgresql Test Scripts:

```
CREATE TABLE test1 (  
  thedate TIMESTAMP,
```

```
    astring VARCHAR(200),
    anumber INTEGER
);

CREATE FUNCTION build_data() RETURNS integer AS '
DECLARE
    i INTEGER DEFAULT 0;
    curtime TIMESTAMP;
BEGIN
    FOR i IN 1..1000000 LOOP
        curtime := "now";
        INSERT INTO test1 VALUES (curtime, "test string", i);
    END LOOP;
    RETURN 1;
END;
' LANGUAGE 'plpgsql';

SELECT build_data();
```